Run Level

RedHat 6

1.   runlevel

```
[root@localhost ~]# runlevel
N 3
```

2. inittab   runlevel

```
[root@localhost ~]# vim /etc/init
```

```
# inittab is only used by upstart for the default runlevel.
#
# ADDING OTHER CONFIGURATION HERE WILL HAVE NO EFFECT ON YOUR SYSTEM.
#
# System initialization is started by /etc/init/rcS.conf
#
# Individual runlevels are started by /etc/init/rc.conf
#
# Ctrl-Alt-Delete is handled by /etc/init/control-alt-delete.conf
#
# Terminal gettys are handled by /etc/init/tty.conf and
/etc/init/serial.conf,
# with configuration in /etc/sysconfig/init.
#
# For information on how to write upstart event handlers, or how
# upstart works, see init(5), init(8), and initctl(8).
#
# Default runlevel. The runlevels used are:
#   0 - halt (Do NOT set initdefault to this)
#   1 - Single user mode
#   2 - Multiuser, without NFS (The same as 3, if you do not have
networking)
#   3 - Full multiuser mode
#   4 - unused
#   5 - X11
#   6 - reboot (Do NOT set initdefault to this)
#
id:5:initdefault:
```

3. System reboot

```
[root@localhost ~]# reboot
```

RedHat 7

1. RHEL7   target

```
[root@localhost etc]# systemctl list-units --type=target --all
UNIT                    LOAD    ACTIVE    SUB     DESCRIPTION
basic.target            loaded active    active Basic System
cryptsetup.target       loaded active    active Encrypted Volumes
emergency.target        loaded inactive dead   Emergency Mode
final.target            loaded inactive dead   Final Step
getty.target            loaded active    active Login Prompts
graphical.target        loaded active    active Graphical Interface
local-fs-pre.target     loaded active    active Local File Systems (Pre)
local-fs.target         loaded active    active Local File Systems
multi-user.target       loaded active    active Multi-User System
network-online.target   loaded inactive dead   Network is Online
network.target          loaded active    active Network
nfs.target              loaded active    active Network File System Server
nss-lookup.target       loaded inactive dead   Host and Network Name Lookups
nss-user-lookup.target loaded inactive dead   User and Group Name Lookups
paths.target            loaded active    active Paths
remote-fs-pre.target    loaded inactive dead   Remote File Systems (Pre)
remote-fs.target        loaded active    active Remote File Systems
rescue.target           loaded inactive dead   Rescue Mode
shutdown.target         loaded inactive dead   Shutdown
slices.target           loaded active    active Slices
sockets.target          loaded active    active Sockets
swap.target             loaded active    active Swap
sysinit.target          loaded active    active System Initialization
syslog.target           not-found inactive dead   syslog.target
time-sync.target        loaded inactive dead   System Time Synchronized
timers.target           loaded active    active Timers
umount.target           loaded inactive dead   Unmount All Filesystems

LOAD   = Reflects whether the unit definition was properly loaded.
ACTIVE = The high-level unit activation state, i.e. generalization of SUB.
SUB    = The low-level unit activation state, values depend on unit type.

27 loaded units listed.
To show all installed unit files use 'systemctl list-unit-files'.
```

2.   runlevel

```
[root@localhost ~]# runlevel
N 3
```

3. runlevel

```
[root@localhost ~]# systemctl set-default graphical.target
rm '/etc/systemd/system/default.target'
ln -s '/usr/lib/systemd/system/graphical.target'
'/etc/systemd/system/default.target'
```

4. runlevel

```
[root@localhost ~]# runlevel
N 5
```

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